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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Rare Gem Alpacas/Darcy Phillips
3507 W Stetson Ave #202
Hemet CA 92545-9740 USA

Date: 05/16/18
Shear ID: 166700
Test No: 959081

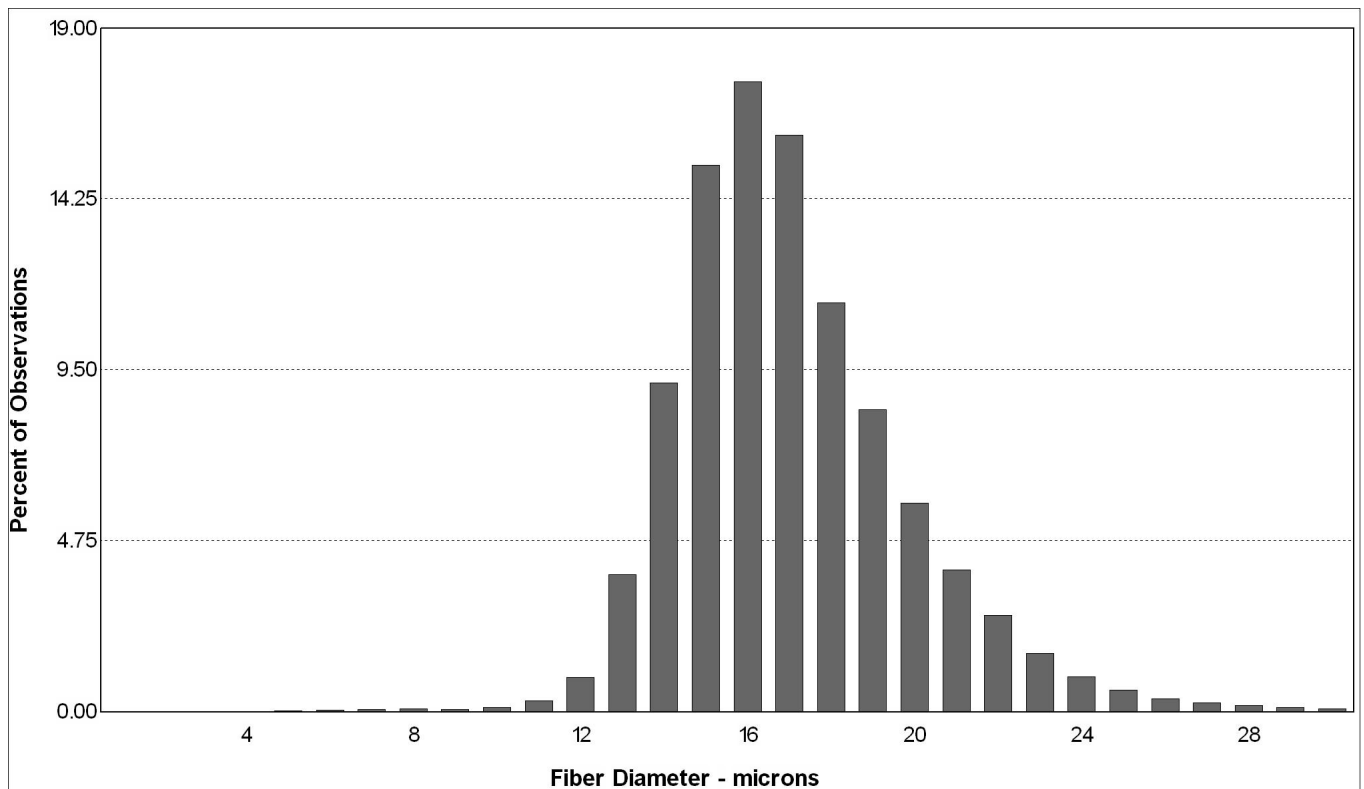
Animal and Sample Description

Animal Name: Granite Bay Silky Sam I Am
ARI #: 35186595
Breed: Alpaca(Huacaya)
Sex: Male
Color: Lt Fawn

Date of Birth (Age): 12/07/17
Sample Location: Side
Sample Date: 04/14/18
Previous Shear Date: 12/08/17
Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter:	17.2 microns	Mean Staple Length:	69.0 mm
Standard Deviation:	3.2 microns	Length Standard Deviation:	2.4 mm
Coefficient of Variation:	18.7 %	Length Coefficient of Variation:	3.4 %
Spin Fineness:	16.4 microns	Mean Curvature:	42.0 deg/mm
Fibers Greater Than 30 microns:	0.5 %	SD Curvature:	23.6 deg/mm
Comfort Factor:	99.5 %		



This Test Performed According to I.W.T.O Method 47